

TRANSFERS TO GUAPIRA FROM TORRUBIA (NYCTAGINACEAE)

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Eight new combinations in Guapira (family Nyctaginaceae) are made here for forthcoming publications on common trees of the United States, Puerto Rico and the Virgin Islands, Province of Esmeraldas in Ecuador, and Venezuela.

Guapira Aublet (Hist. Pl. Guian. Franc. 1: 308; 3: t. 119. 1775) with a single species (G. guianensis) was of uncertain position until identified as a synonym of Pisonia by Hallier (Leiden Meded. Herb. 35: 18-20. 1918). The genus Guapira was not accepted by a second author until 1961, when revived with 1 new species and 1 new combination by Woodson in Woodson and Schery (Fl. Panama 4 (4): 403-406, fig. 125; Mo. Bot. Gard. Ann. 48: 61-64, fig. 125. 1961). Lundell (Wrightia 3: 22. 1962) transferred 2 species to Guapira, and Miranda (Soc. Bot. Méx. Bol. 29: 34. 1965), 1.

My proposal (No. 149) to conserve the generic name Torrubia Vellozo was submitted in August 1963 and published in the proposals for the Tenth International Botanical Congress at Edinburgh (Regn. Veg. 34: 58-59. 1964). Now the Committee for Spermatophyta (Taxon 17: 462-463. 1968) by a vote of 1-9 "declines to recommend Torrubia for conservation, chiefly because the identity of the type-species is uncertain and probably will remain so. No type-specimens of Vellozo are known, and it is impossible to identify his plant from the protologue." However, many of Vellozo's names have been typified and taken up. The type species, Torrubia opposita Vell., was illustrated by a drawing of foliage with male flowers and was described from coastal forests at Rio de Janeiro, Brazil. My suggestion that it may be the same as T. olfersiana (Link, Kl. & Otto) Standl. var. nitida (Mart.) Reitz (Sellowia 12: 169. 1960) could be checked by a local specialist. About 50 names must be transferred to Guapira.

Three species of small trees native in southern Florida (Little, Check List Native Naturalized Trees U.S. 422. 1953) are:

- GUAPIRA BRACEI (Britton) Little, comb. nov.                      Brace blolly  
Torrubia bracei Britton, Torrey Bot. Club Bul. 31: 614. 1904.
- GUAPIRA GLOBOSA (Small) Little, comb. nov.                      roundleaf blolly  
Torrubia globosa Small, Man. Southeast. Fl. 490, 1504. 1933.
- GUAPIRA LONGIFOLIA (Heimerl) Little, comb. nov.              longleaf blolly  
Pisonia discolor longifolia Heimerl in Urban, Bot. Jahrb.  
 21: 627. 1896.  
Torrubia longifolia (Heimerl) Britton, Torrey Bot. Club. Bul.

31: 614. 1904.

Pisonia longifolia Sarg., Man. Trees No. Amer. 314, fig. 251. 1905.

A fourth species Torrubia floridana Britton (Torrey Bot. Club Bul. 31: 615. 1904) was described as a low shrub. It was collected at Rock Key near Key West more than a century ago and has not been found since.

The three species listed below are trees native in Puerto Rico. Two were recorded by Britton and Wilson (Sci. Surv. Porto Rico Virgin Is. 5: 286-287. 1924) and by Little and Wadsworth (Common Trees Puerto Rico Virgin Is. 92-93, fig. 1964). Alain Liogier (Rhodora 67: 329. 1965) has suggested the transfer to Guapira. The third species is known from southwestern Puerto Rico also.

GUAPIRA DISCOLOR (Spreng.) Little, comb. nov. barrehorno  
Pisonia discolor Spreng., Syst. Veget. ed. 16, 2: 168. 1825.  
Torrubia discolor (Spreng.) Britton, Torrey Bot. Club Bul. 31: 613. 1904.

GUAPIRA FRAGRANS (Dum.-Cours.) Little, comb. nov. corcho, black mampoo  
Pisonia fragrans Dum.-Cours., Bot. Cult. ed. 2, 7: 114. 1814.  
Torrubia fragrans (Dum.-Cours.) Standley, U.S. Natl. Herb. Contrib. 18: 100. 1916.

GUAPIRA OBTUSATA (Jacq.) Little, comb. nov.  
Pisonia obtusata Jacq., Pl. Rar. Hort. Caes. Schoenbr. 3: 35, t. 314. 1798.  
Torrubia obtusata (Jacq.) Britton, Torrey Bot. Club Bul. 31: 612. 1904.

The next species was found in 1965 in the Province of Esmeraldas, Ecuador. It was described from Peru, where it was reported to be the only species of Torrubia (Standley in Macbride, Fl. Peru pt. 2 (No. 2): 528. 1937).

GUAPIRA MYRTIFLORA (Standl.) Little, comb. nov. pacurero  
Torrubia myrtiflora Standl., Field Mus. Pub. Bot. 8: 307. 1931.

The last was selected as an example of the genus in a book on common trees of Venezuela now being edited for publication. Seven species of Torrubia were listed from Venezuela by Pittier et al. (Cat. Fl. Venez. 1: 290-291. 1945).

GUAPIRA PACURERO (H.B.K.) Little, comb. nov. pacurero  
Pisonia pacurero H.B.K., Nov. Gen. Sp. 2: 218. 1817.  
Torrubia pacurero (H.B.K.) Standley, U.S. Natl. Herb. Contrib. 18: 101. 1916.

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